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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF FACSIMILE TRANSMISSION
37 CFR 1.8

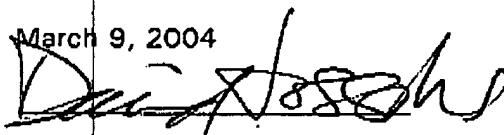
I hereby certify that the following papers for the noted application are being facsimile transmitted to the Patent and Trademark Office fax number indicated below on the date shown below.

Fax No. 703-872-9306

Date: March 9, 2004

Certifier:

Printed Name: David R. Josephs



Inventor: CRISCO, Joseph J. et al.

Serial No. 09/974,566

Filing Date: October 10, 2001

Title: SYSTEM AND METHOD FOR MEASURING THE LINEAR AND ROTATIONAL...

Docket No.: P00493-US1

Commissioner of Patents
United States Patent and Trademark Office
Washington, DC 20231

DOCUMENTS TRANSMITTED: Total pages: 22 (including this page)

This cover page (1 page)

RCE Transmittal (1 page)

Fee Transmittal (1 page)

Amendment (18 pages)

Attachment to Amendment (1 page)

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 730)
Complete if Known

Application Number	09/974,566
Filing Date	October 10, 2001
First Named Inventor	CRISCO, Joseph J.
Examiner Name	LE, Team M.
Art Unit	2863
Attorney Docket No.	P00493-US1

METHOD OF PAYMENT (check all that apply)
 Check Credit card Money Order Other None
 Deposit Account:Deposit Account **02-0900**Deposit Account Name **Barlow, Josephs & Holmes**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s).
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	44	-20** =	24	x	9	=	216	Fee from below	Fee Paid
Independent Claims	6	- 3** =	3	x	43	=	129		
Multiple Dependent							345		

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	146	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 345)					

** or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

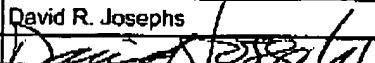
Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	420	2252 210 Extension for reply within second month	
1253	950	2253 475 Extension for reply within third month	
1254	1,480	2254 740 Extension for reply within fourth month	
1255	2,010	2255 1,005 Extension for reply within fifth month	
1401	330	2401 165 Notice of Appeal	
1402	330	2402 165 Filing a brief in support of an appeal	
1403	290	2403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,330	2453 665 Petition to revive - unintentional	
1501	1,330	2501 885 Utility issue fee (or reissue)	
1502	480	2502 240 Design issue fee	
1503	640	2503 320 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1808	180	1808 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(e))	
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801 385 Request for Continued Examination (RCE)	385
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 385)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	David R. Josephs	Registration No. (Attorney/Agent)	34632	Telephone 401-273-4446
Signature		Date	March 9, 2004	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.